

an input terminal block which receives at least 150 amps of 48 V DC power, the input terminal block including at least one terminal pin and a support block through which the terminal pin extends, the support block supporting the terminal pin and isolating the terminal pin, the input terminal block including a power filtering layer for filtering the power positioned about the terminal pin; and

a mating connection for passing the power from the input terminal block to the power conditioner, the mating connection directly connected and in contact with the terminal pin of the input terminal block and the power conditioner.

7. A power entry panel as described in Claim 4 wherein the terminal pin has a long end and a short end, the support block has a wire side and a connector side, the power filtering layer disposed on the connector side, the long end extending from the connector side and connecting with the mating connection, and the short end extending from the wire side and connecting with a power wire to which power is delivered to the input terminal block.

10. An input terminal block for a power entry panel comprising:

a terminal pin for conducting at least 150 amps of 48 V DC power adapted to be directly connected and in contact with a mating connection of the power entry panel;

a support block through which the terminal pin extends, the support block supporting the terminal pin; and

a filtering layer disposed on the support block for filtering power and positioned about the terminal pin.

11. A method for transferring power comprising the steps of:

receiving at least 150 amps of 48 V DC power at an input terminal block having a support block through which the terminal pin extends, the support block supporting the terminal pin and isolating the terminal pin, the input terminal block including a power filtering layer for filtering the power positioned about the terminal pin; and

passing the 150 amps of 48 V DC power from the input terminal block through a mating connection that the input terminal block is directly connected and in contact with to a power conditioner.